

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017055.D
 Acq On : 30 Jun 2020 19:04
 Operator : JC/SP
 Sample : L3152-01 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40680

Quant Time: Jul 01 09:37:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

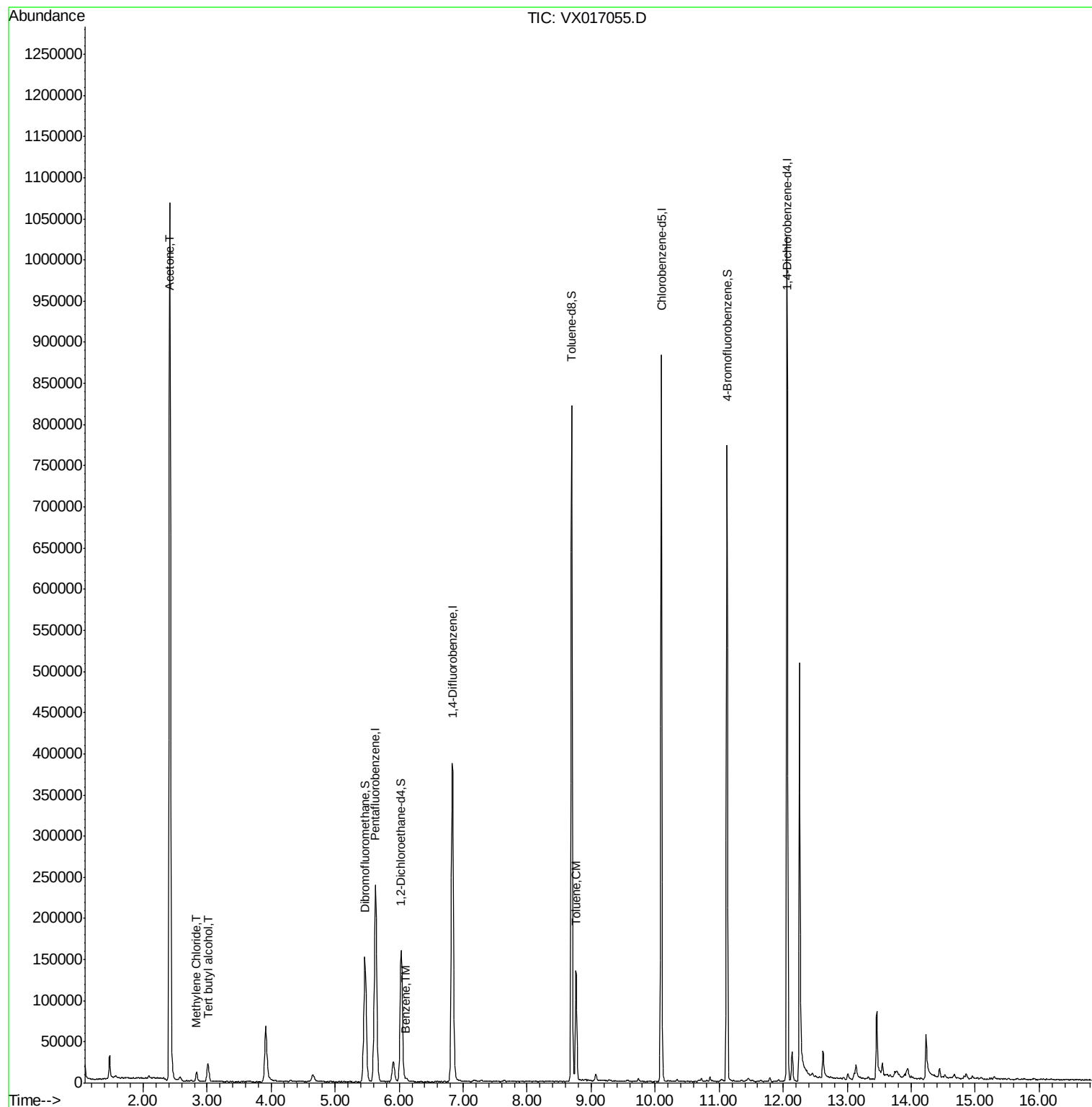
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	226208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	389489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	152564	54.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.42%	
35) Dibromofluoromethane	5.46	113	130285	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
50) Toluene-d8	8.70	98	472096	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	196909	55.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.58%	
Target Compounds						
11) Tert butyl alcohol	3.01	59	25278	47.515	ug/l	97
16) Acetone	2.42	43	1118611	1072.264	ug/l	98
20) Methylene Chloride	2.84	84	5315	1.462	ug/l #	93
40) Benzene	6.11	78	3815	0.353	ug/l	92
52) Toluene	8.76	92	50686	7.506	ug/l	100

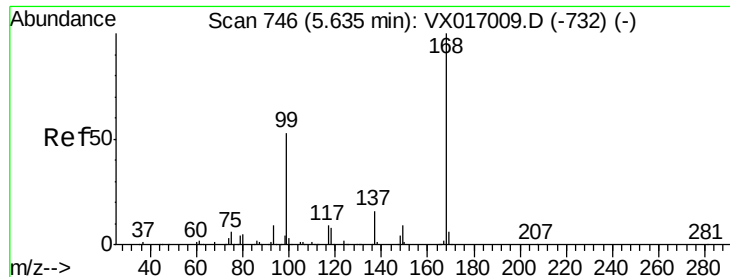
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 01 09:37:58 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

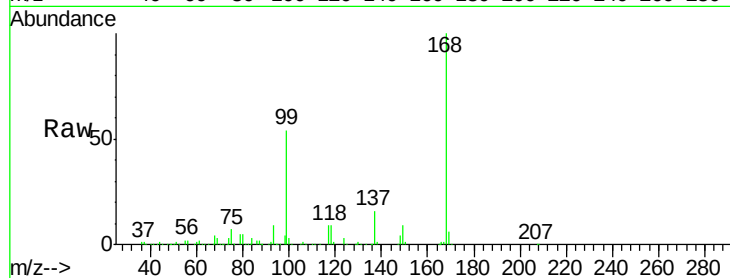
40680

Tot Ion:168 Resp: 226208

Ion Ratio Lower Upper

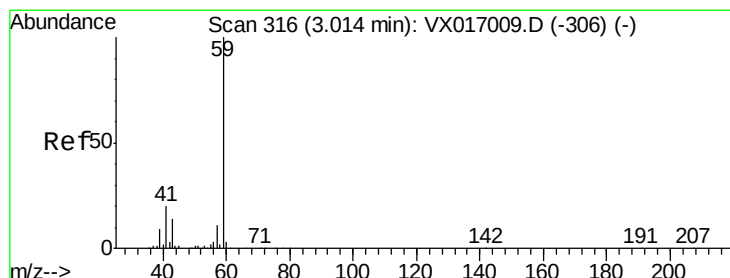
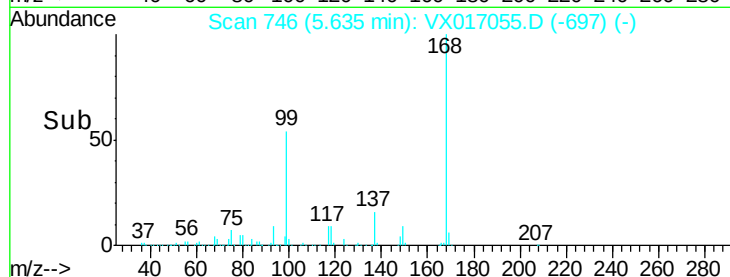
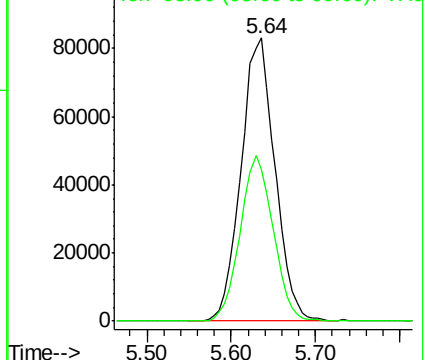
168 100

99 53.6 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 47.515 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX017055.D

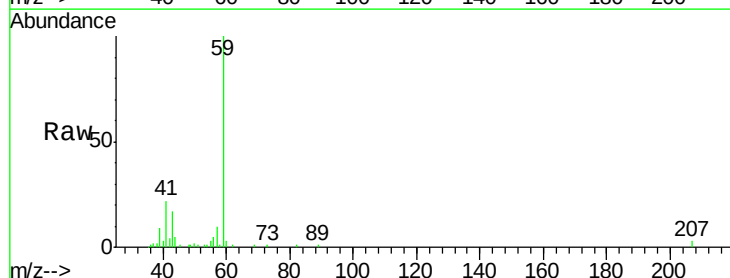
Acq: 30 Jun 2020 19:04

Tgt Ion: 59 Resp: 25278

Ion Ratio Lower Upper

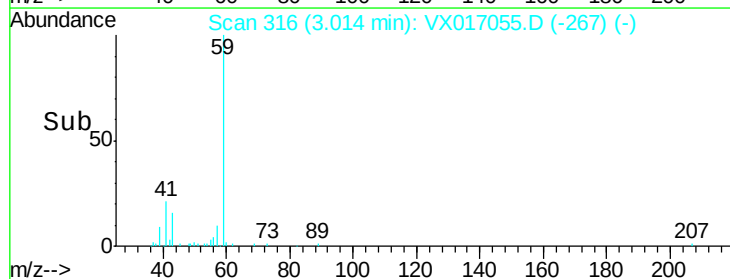
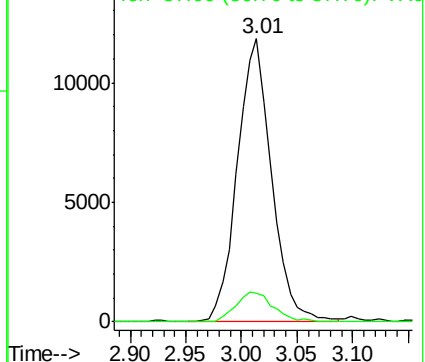
59 100

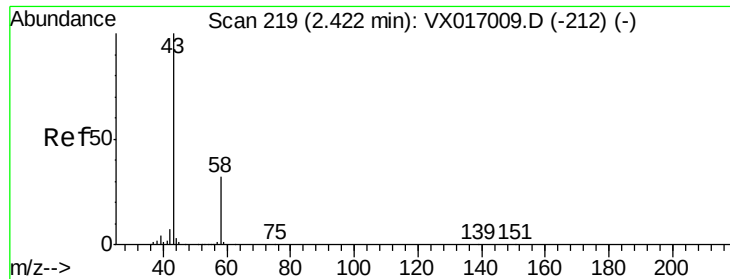
57 11.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 1072.264 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

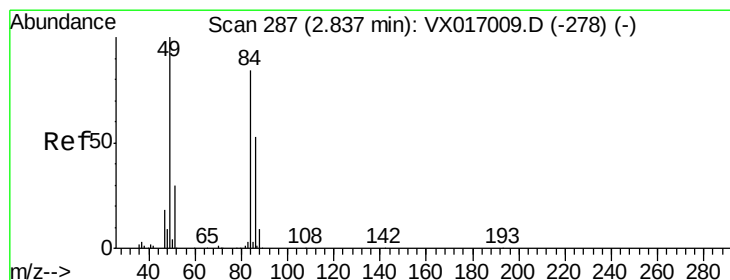
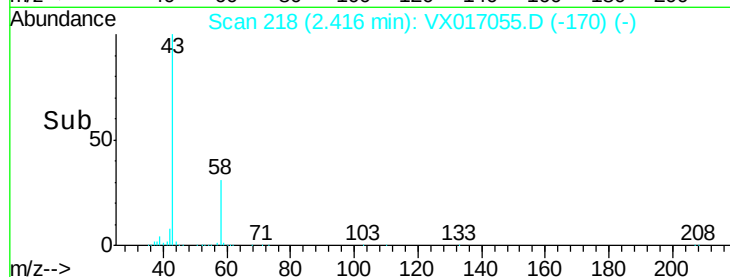
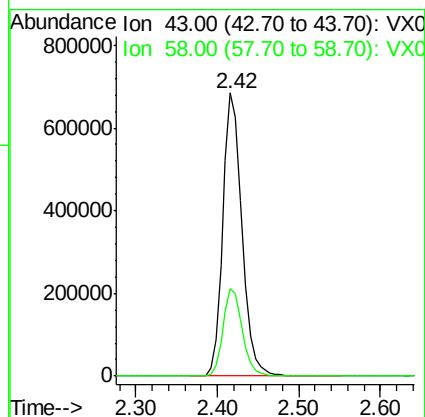
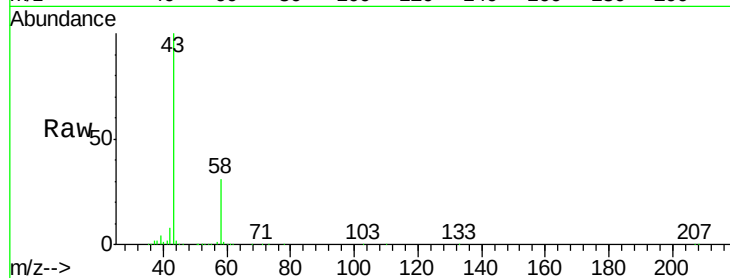
40680

Tot Ion: 43 Resp: 1118611

Ion Ratio Lower Upper

43 100

58 31.1 25.7 38.5



#20

Methylene Chloride

Concen: 1.462 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

Tgt Ion: 84 Resp: 5315

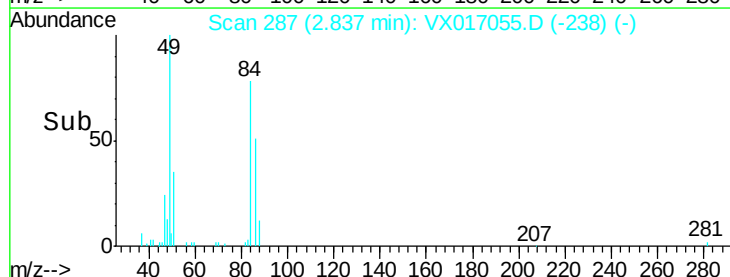
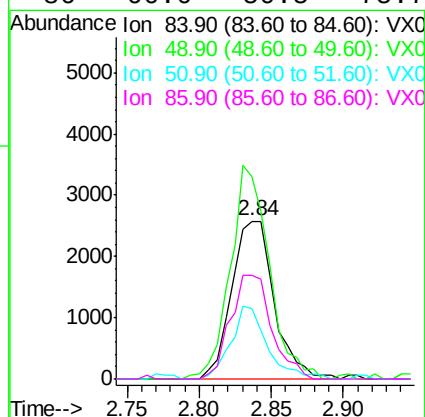
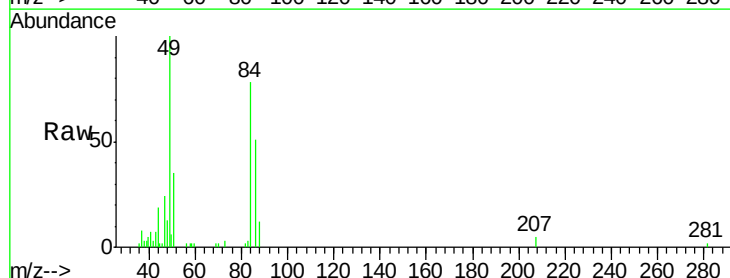
Ion Ratio Lower Upper

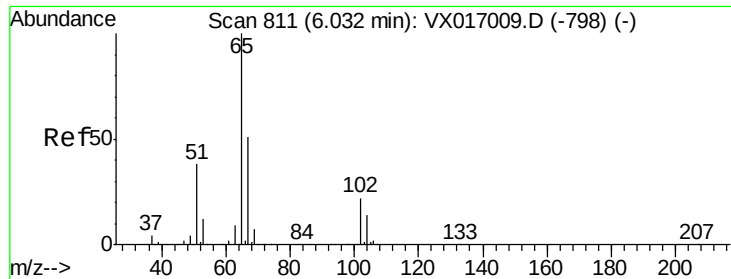
84 100

49 125.8 94.7 142.1

51 44.5 28.6 42.8#

86 66.0 50.5 75.7

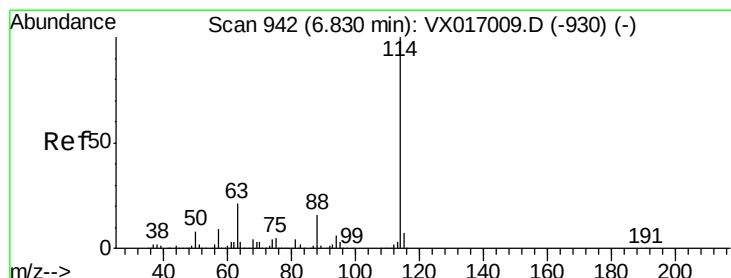
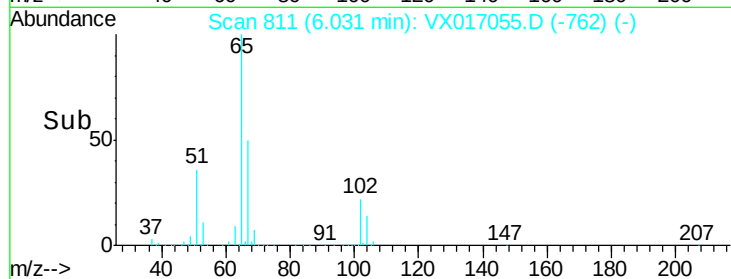
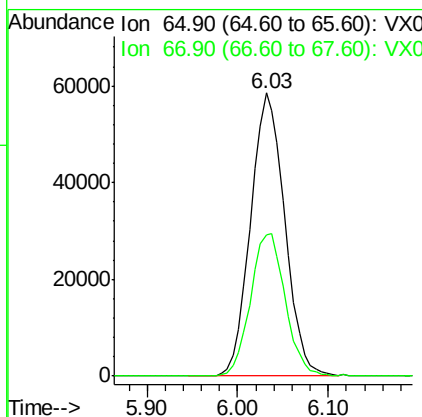
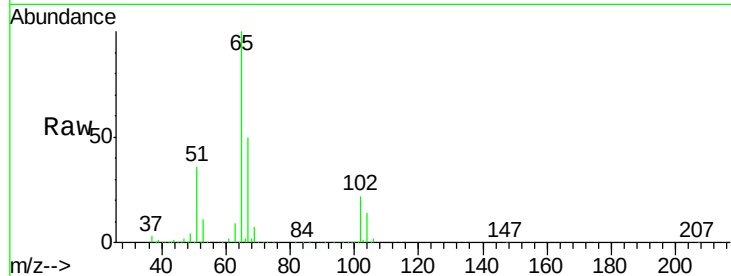




#33
 1,2-Dichloroethane-d4
 Concen: 54.708 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017055.D
 Acq: 30 Jun 2020 19:04

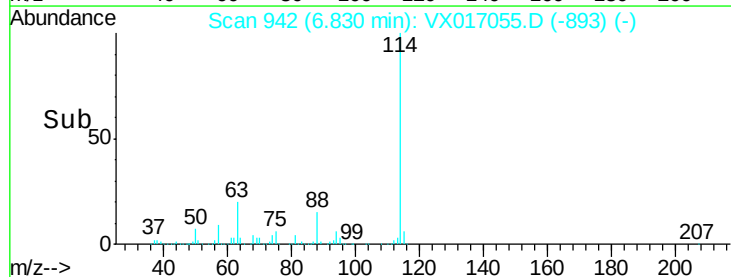
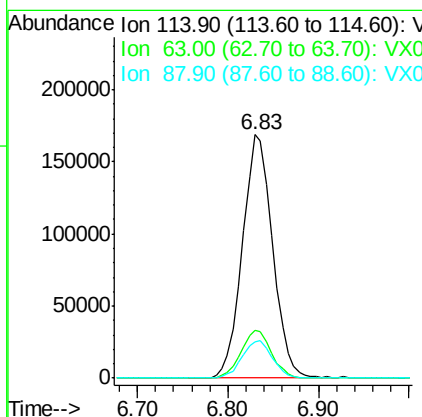
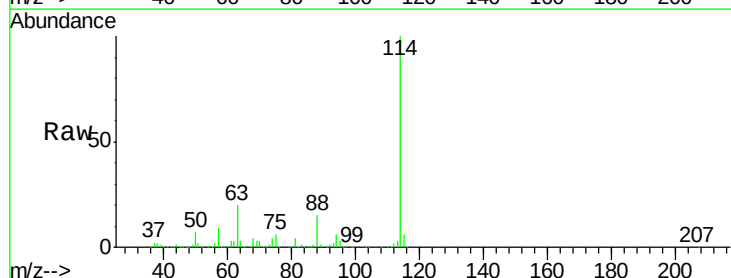
Instrument :
 MSVOA_X
 ClientSampleId :
 40680

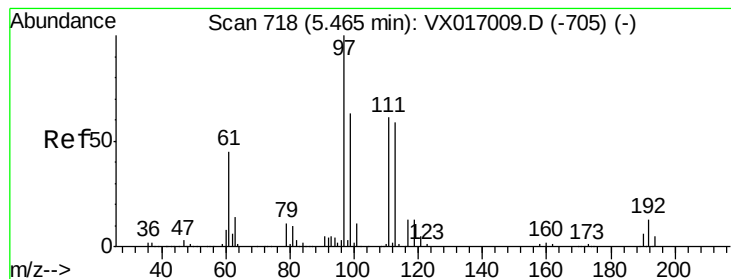
Tot Ion: 65 Resp: 152564
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017055.D
 Acq: 30 Jun 2020 19:04

Tgt Ion: 114 Resp: 389489
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.880 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

Instrument :

MSVOA_X

ClientSampled :

40680

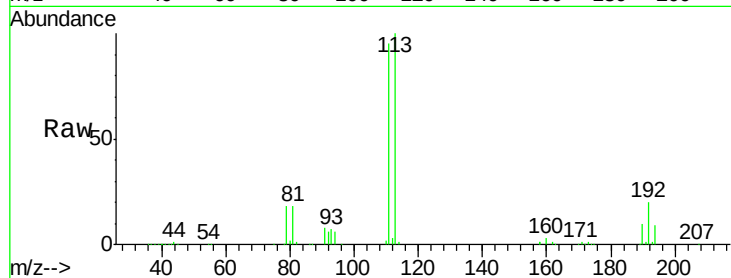
Tot Ion:113 Resp: 130285

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

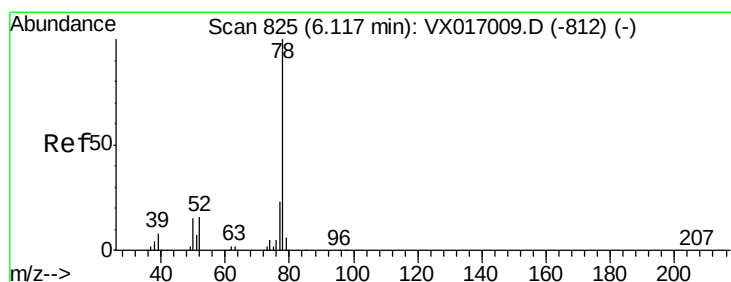
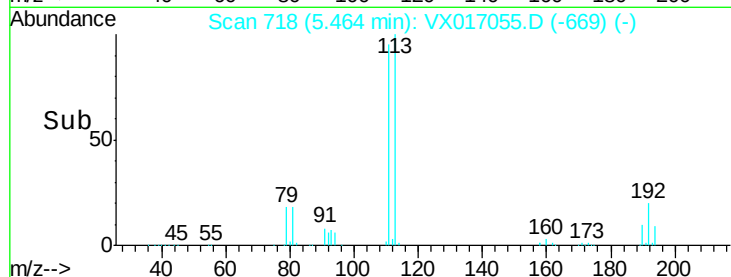
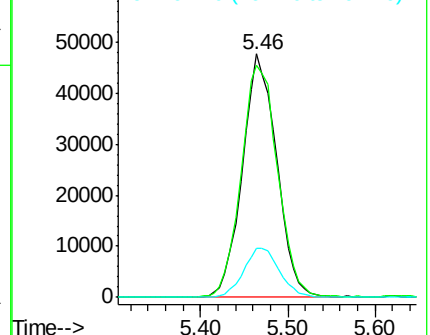
192 21.1 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#40

Benzene

Concen: 0.353 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX017055.D

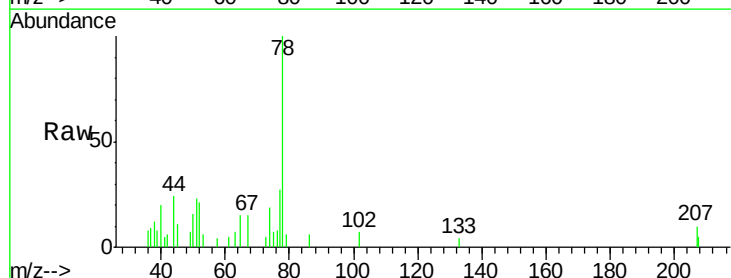
Acq: 30 Jun 2020 19:04

Tgt Ion: 78 Resp: 3815

Ion Ratio Lower Upper

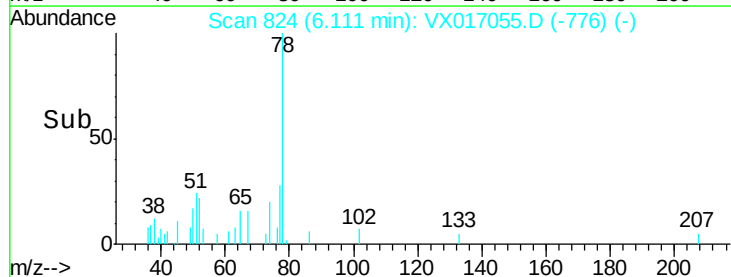
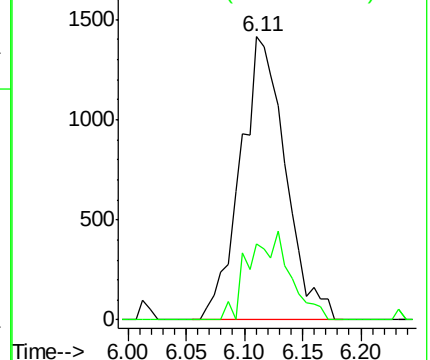
78 100

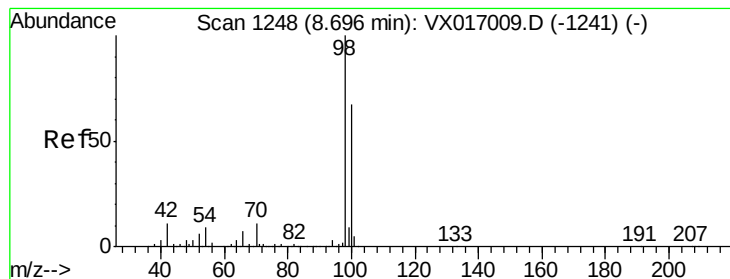
77 26.7 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 51.818 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

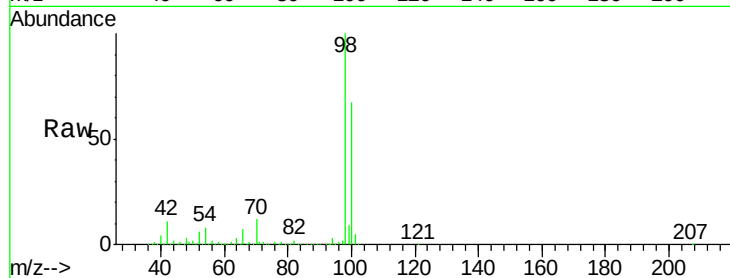
40680

Tot Ion: 98 Resp: 472096

Ion Ratio Lower Upper

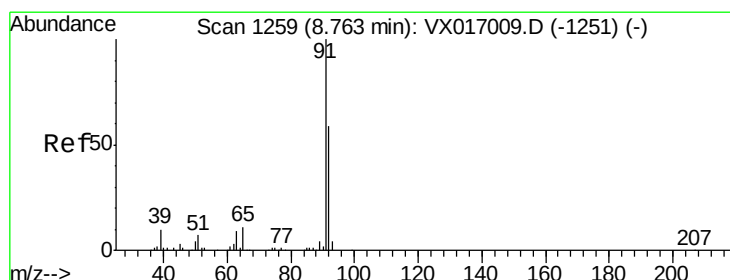
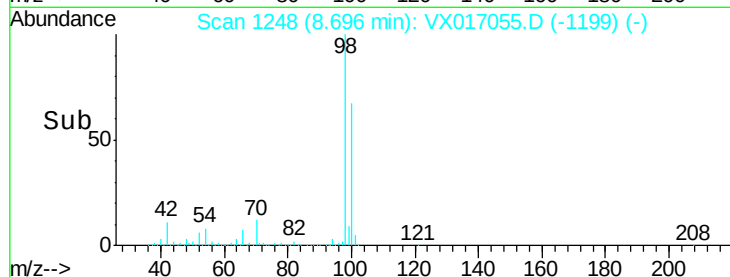
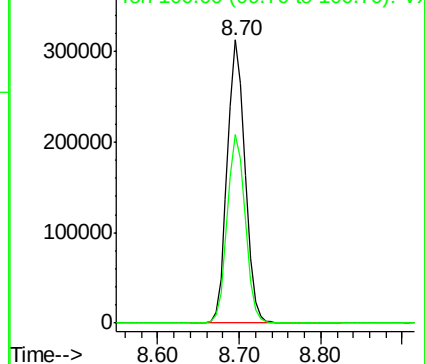
98 100

100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#52

Toluene

Concen: 7.506 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017055.D

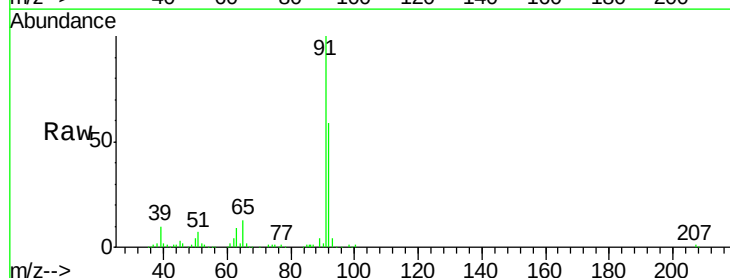
Acq: 30 Jun 2020 19:04

Tgt Ion: 92 Resp: 50686

Ion Ratio Lower Upper

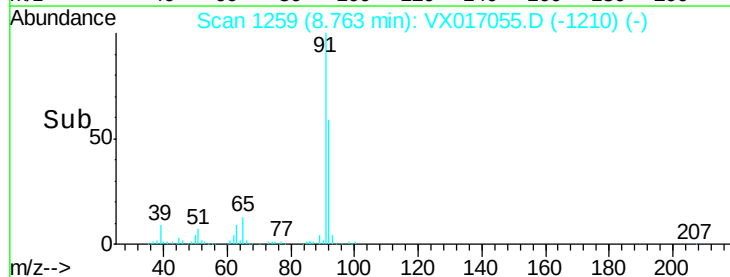
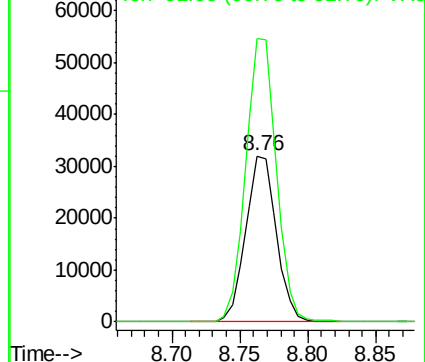
92 100

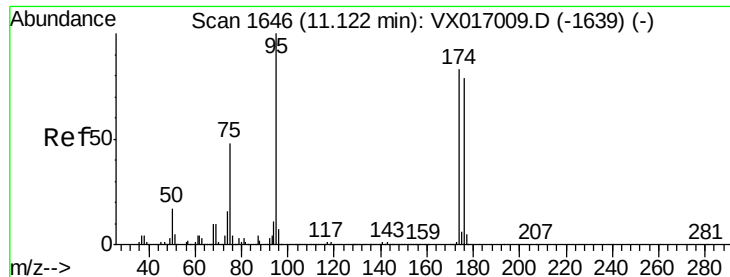
91 170.9 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.289 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

40680

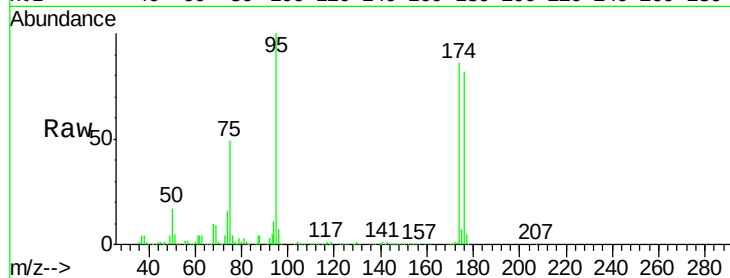
Tot Ion: 95 Resp: 196909

Ion Ratio Lower Upper

95 100

174 82.9 0.0 164.0

176 77.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX017009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX017009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX017009.D (-1639) (-)

11.12

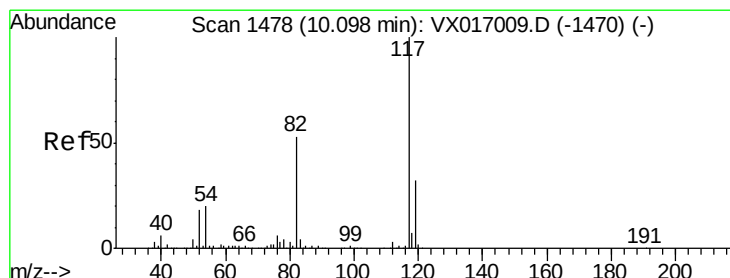
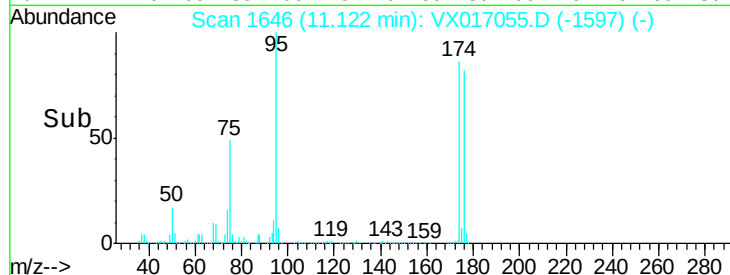
150000

100000

50000

0

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

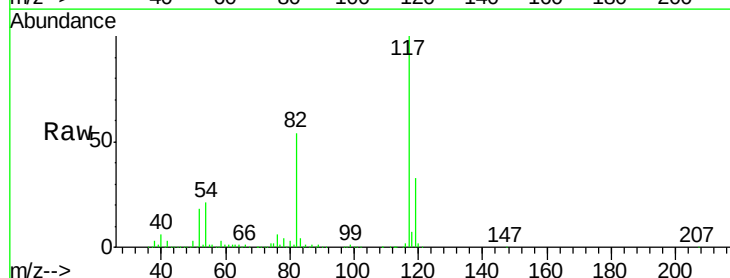
Tgt Ion: 117 Resp: 397967

Ion Ratio Lower Upper

117 100

82 53.8 42.6 63.8

119 33.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VX017009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX017009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX017009.D (-1470) (-)

10.10

400000

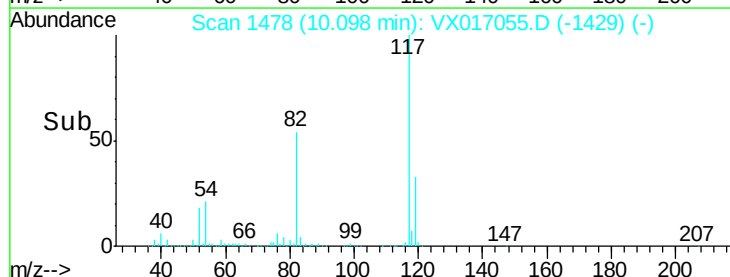
300000

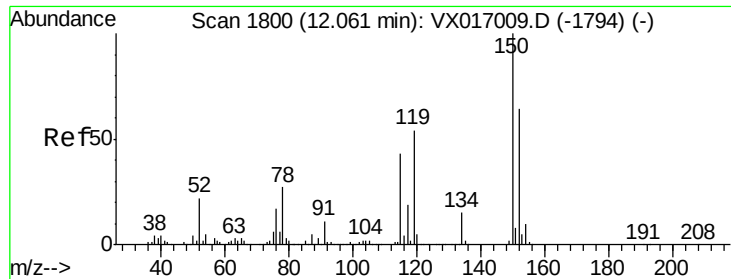
200000

100000

0

Time--> 10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017055.D

Acq: 30 Jun 2020 19:04

Instrument :

MSVOA_X

ClientSampleId :

40680

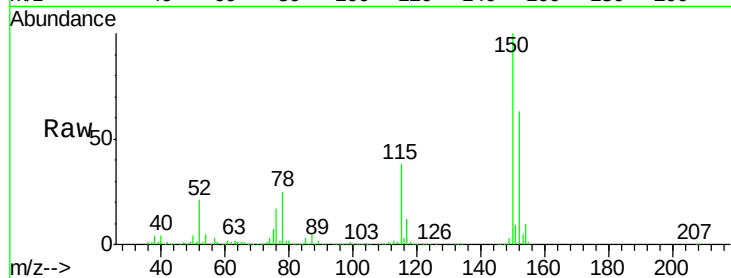
Tot Ion:152 Resp: 208120

Ion Ratio Lower Upper

152 100

115 57.7 40.9 122.7

150 157.6 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

